

ABSTRACT

There is provided a base station capable of preventing lowering of throughput while suppressing interference to an adjacent cell and reduction of the line capacity in a high-speed packet transmission. In this base station, from mobile stations 1 to 7, firstly, mobile stations 1, 4, 6 having the downlink control channel line quality not smaller than a threshold value '3dB' set according to the total number of mobile stations are selected, and then from the mobile stations 1, 4, 6, the mobile station having the largest CQI, i.e., the mobile station 4 having the most preferable downlink data channel line quality is selected as a mobile station to which the data channel is allocated.